

NEW ABSTRACT

A disposable absorbent article has a topsheet, a backsheet, and an absorbent core. The absorbent core is disposed between the topsheet and the backsheet. The absorbent core includes a durable hydrophilic fluid pervious acquisition layer. The acquisition layer includes an acquisition layer substrate and a hydrophilicity boosting composition. The hydrophilicity boosting composition is coated on the acquisition layer substrate. The hydrophilicity boosting composition includes a hydrophilicity boosting amount of nanoparticles. The nanoparticles have a particle size of from about 1 to about 750 nanometers. Additionally, the acquisition layer substrate has been treated with a high energy surface treatment.